

Work Order ID 51351 - 2

August 20, 2009 8:06:15 AM



Split

Page 1

Item ID: D2011-101 *50*

Accept



Setup Start



Revision ID: G

Item Name: 6" Mirror *50*

Stop



Start Date: 8/20/09 Start Qty: 50.00



Cust Item ID:

Required Date: 8/24/09 Req'd Qty: 50.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr	Revision Nbr
D2011	Rev G

100 *50* PURCHASING 0.00



Purchasing

Memo

0.00

Purchasing

Issue P/O: *10230*

Mirror P/N: CHM10601 Possible supplier:

Auto Parts Extra Material release note required

CX 09/08/20 50

110 *50* Receive & Inspect for Damage & Mat'l Certs 0.00



Packaging

Memo

0.00

Packaging

Ensure material certification is attached

9/8/21 50

120 *50* QC6- Inspect dimensions to drawing 0.00



Quality Control

Memo

0.00

20/09/21

*W/for
+50 f*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 51351

August 20, 2009 8:06:15 AM



Page 2

Item ID: D2011-101

Accept



Setup Start



Revision ID: G

Stop



Item Name: 6" Mirror

Start Date: 8/20/09 Start Qty: 50.00



Cust Item ID:

Required Date: 8/24/09 Req'd Qty: 50.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

130

Operation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Small Fab

Small Fab

0.00

Small Fab

Memo

0.00

Small Fab

1- Discard Hardware & Install new hardware loosely 2- Crimp stud as per Dwg
D2011

140



QC5- Inspect part completeness to step on W/O

0.00

QC

Quality Control

Memo

0.00

4- Test assembly to 50lbs pull test after 24 hours

=> 8/20/09/05

auto
(X42) f

150

Identify as per dwg & Stock Location: 227

0.00

Packaging

Packaging

Memo

0.00

Peggy 9/26 (92)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 51351

August 20, 2009 8:06:15 AM



Page 3

Item ID: D2011-101

Revision ID: G

Item Name: 6" Mirror

Start Date: 8/20/09 Start Qty: 50.00

Required Date: 8/24/09 Req'd Qty: 50.00

Reference:

Approvals: Process Plan: _____

Date: _____

QC: _____

Date: _____

Sequence ID/
Work Center ID

160



QC

Quality Control

Operation
Description

QC21- Final Inspection - Work Order Release

Tooling:
Set Up/
Run Hours

0.00

Date:

Date:

Run Start

Stop

Draw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

09/08/26 HJ

BL 09-8-26

Memo

0.00

Picklist Print

August 20, 2009 8:06:14 AM

Page 1 /2

Work Order ID: 51351



Parent Item: D2011-101RevG



Parent Item Name: 6" Mirror

Start Date: 8/20/09

Required Date: 8/24/09

Comments:

Start Qty: 50.00

Required Qty: 50.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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AN960JD416L



Washer

Purchased No 110 Each 622.0000 50.0000



EP 09/08/25

Warehouse

Location

Main Warehouse

ST	622
107008	54
108138	4
108583	42
110153	522

CHM-10601



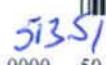
Mirror 6"

D2829RevB



Threaded Stud

Purchased No 130 Each 0.0000 50.0000



EP 09/08/25
EP 09/08/25

Manufactured No 130 Each 64.0000 50.0000



Warehouse

Location

Main Warehouse

ST	64
46489	14
48632	50

11
36

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 2

August 20, 2009 8:06:14 AM

Work Order ID: 51351



Parent Item: D2011-101RevG



Parent Item Name: 6" Mirror

Start Date: 8/20/09

Required Date: 8/24/09

Comments:

Start Qty: 50.00

Required Qty: 50.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3014-1RevA 		Manufactured		No		130	Each	515.0000	50.0000		<i>EP 09/08/25</i>	

Locknut

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	515	
18605	515	<u>47</u>

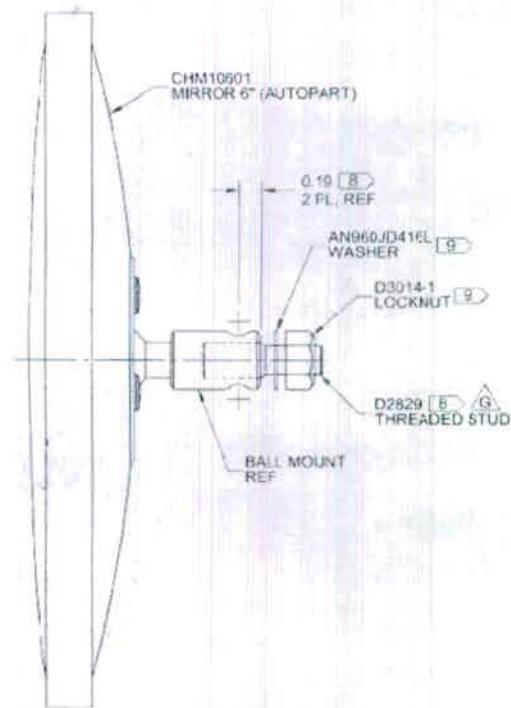
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

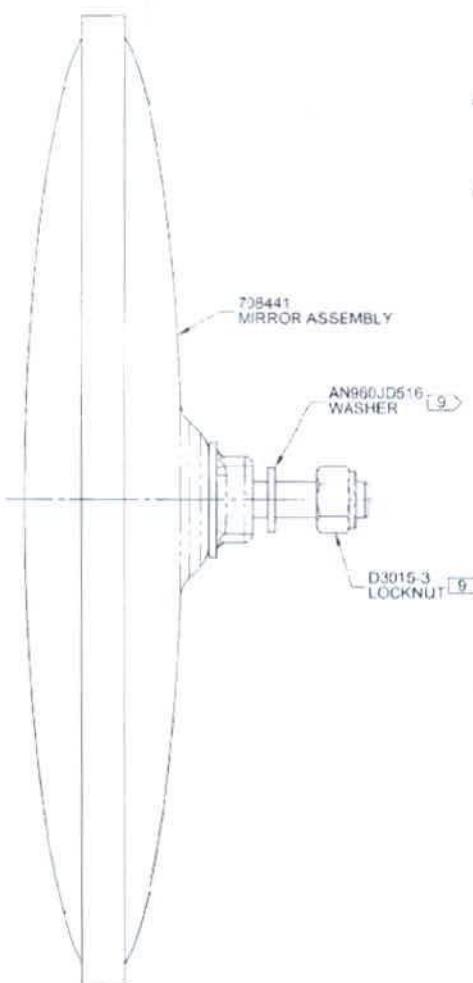
ITEM	QTY -101	QTY -103	P/N	DESCRIPTION
1	X		D2011-101	MIRROR ASSEMBLY 6"
2		X	D2011-103	MIRROR ASSEMBLY 8"
3	1		D2829	THREADED STUD
4	1		D3014-1	LOCKNUT
5		1	D3015-3	LOCKNUT
6	1		CHM10601	MIRROR 6" (AUTOPART)
7		1	708441	MIRROR 8" (VELVAC)
8	1		AN960JD416L	WASHER
9		1	AN960JD516	WASHER



D2011-101 MIRROR ASSEMBLY 6"

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: D2011-101 = 0.6 lbs APPROX. D2011-103 = 1.0 lbs APPROX.
- 8) D2829 INSTALLATION PROCEDURE
 - APPLY LOCKTITE 262 TO Ø5/16 END OF D2829
 - THREAD BY HAND INTO BALL MOUNT UNTIL ENTIRE Ø5/16 END OF D2829 IS WITHIN BALL MOUNT
 - CRIMP BALL MOUNT ON TWO OPPPOSING SIDES, 0.19 FROM END AS ILLUSTRATED USING TOOL DT8317
 - CRIMP TO DEPTH OF 0.040 ± 0.010 USING R0.125
- 9) INSTALL LOOSE



D2011-103 MIRROR ASSEMBLY 8"

G	REDRAWN IN SOLIDWORKS TO CURRENT STANDARD AND TRANSFERRED TO "B" SIZE FORMAT: MIRROR 6" (AUTOPART) AND CHM10601 WERE MIRROR 6" (GROTE). ADDED STUD D2829, WASHER D3015-3, AND SIKAFLX APPLICATION NOTE. REASON: GROTE PRODUCT IS DISCONTINUED.	MB	08-10-06
F	ADD HOLES FOR SEALANT ON -101	CP	04-09-10
E	NEW 8" MIRROR	CP	01-05-08
D	NEW 8" MIRROR, ADD NUT, REMOVED STUD	CP	01-04-23
C	REPLACE DOMINION AUTO MIRRORS WITH PHILLIPS, ADDED STUDS, REDRAWN	RF	99-06-01
B	SIKAFLX741 ADDED	JB	98-04-08
A	DWG ND WAS D5P1011, ADDED -103	JB	90-06-15
-	NEW ISSUE	JB	90-03-21
REV.	DESCRIPTION	BY	DATE
DESIGN	JB	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. G
MFG APPR.		D2011	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		MIRROR ASSEMBLY	NTS
DATE	08.10.06	COPYRIGHT IS HELD BY DART AEROSPACE LTD. THE DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. NOT FOR RELEASE OR ANY PURPOSE UNLESS APPROVED BY DART AEROSPACE LTD. NOT TO BE COPIED OR USED BY OTHERS UNLESS APPROVED BY DART AEROSPACE LTD.	

CD09/08/20

W/L: 51351

RELEASED
08-10-2011





Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO10230**

Purchase Order Date 8/20/09
PO Print Date 8/20/09

Page Number 1 of 1

Order From :

AUTO PARTS EXTRA
1000 RUE LANSDOWNE
HAWKESBURY, ON K6A 1H7
CA

VC-AUT001

FAXED
09/08/09

Contact Name
Vendor Phone 613 632 1191
Vendor Fax 613 632 2350
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency CAD
FOB

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	CHM-10601	Mirror 6"	8/21/09 Yes	50.00 Each	YRC ppd	\$18.9500	\$947.50

Special Inst: AS PER DWG D2011 REV. G
B51351
AUTO PART # CHM-10601

PO Total:

\$947.50

CERTIFICATE OF CONFORMITY
REQD UPON DELIVERY

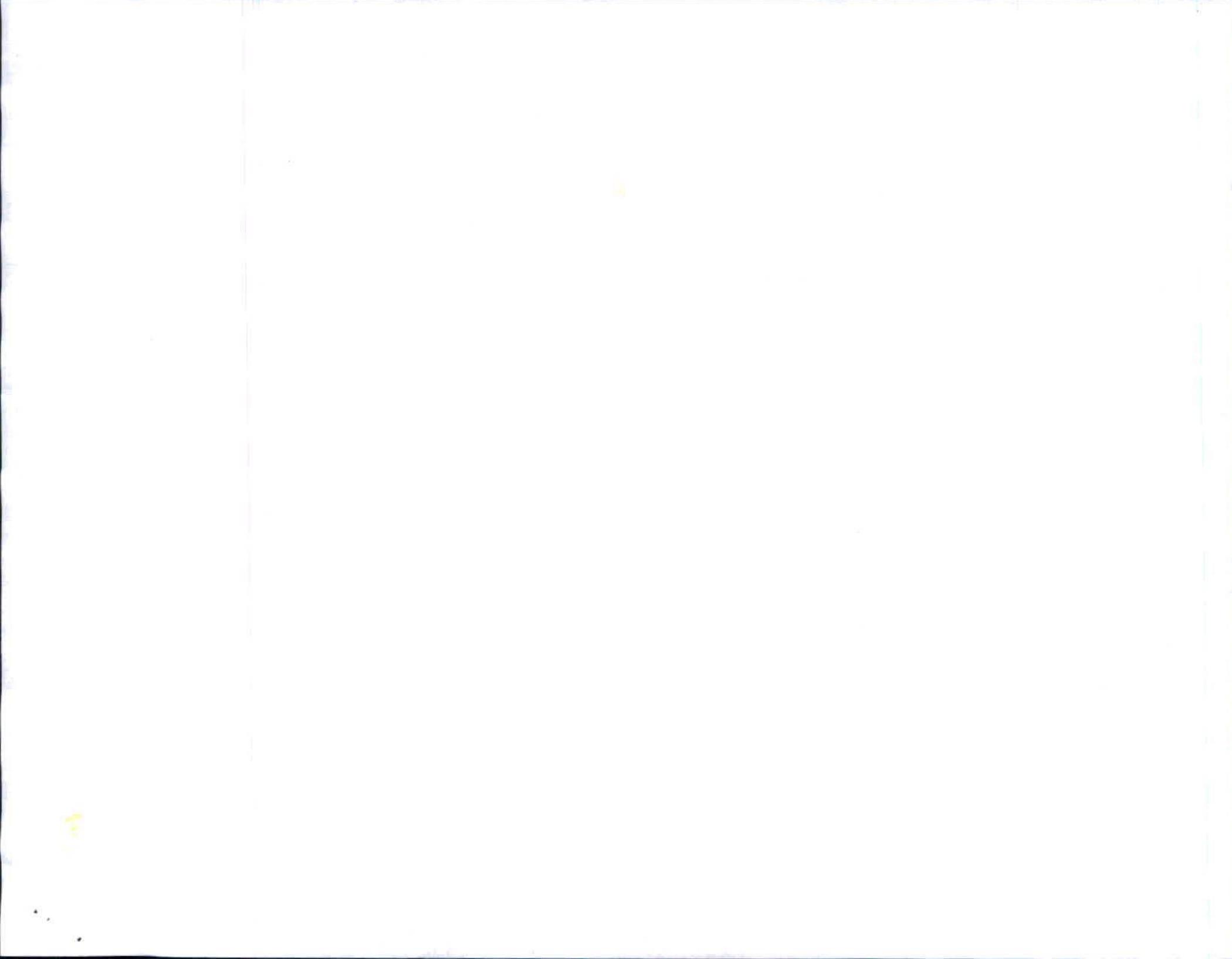
CL

MS

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 8/20/09





**AUTO PARTS • PIÈCES D'AUTO
TRUCK PARTS • PIÈCES DE CAMION
ENGINE-MARINE • MOTEUR-MARINE
PERFORMANCE PARTS • PIÈCES DE PERFORMANCE
TIRES • PNEUS**

Past due accounts bear 2% interest per month (24% per annum). If this account is placed with a 3rd party collection, an administrative cost of 25% will be added. All exchanges and refund claims must be accompanied by this invoice. Electrical parts not returnable. All parts returned are subject to 20% handling charge. All merchandise sold on this invoice remains the vendor's property until this invoice is paid in full.

TERMS: Payment due on 10th day of the following month.

Aucun remboursement sans cette facture. Nel 30 jours, 2% de frais d'intérêt par mois (24% par année) sur compte en souffrance. 20% de frais de manutention sur toute marchandise retournée. Clause pénale une indemnité de 25% sera chargée sur compte sujet à des procédures légales. Les marchandises mentionnées sur cette facture demeurent la propriété du vendeur tant qu'elles ne seront pas entièrement payées. Pièces électriques non-retournable.

TERMES: Compte payable le 10 du mois suivant.



SIGNATURE

GST / TPS
10035 3366 RT0001

1000 RUE LANDSDOWNE HAWKESBURY, ON K6A 1H7
TEL: (613)632-1191 FAX: (613)632-2350
TVQ
1016330716 TQ0001

113336 (613)632-5200
S O E D A R T AEROSPACE LTD.
D U N N 270 ABERDEEN STREET
T O HAWKESBURY ON K6A 1K7

ORD / COM	SHIP / EXP	CODE	PART No / PIÈCES	DESCRIPTION	LIST EACH / CHACUN	COST / COÛTANT	EXTENSION
50	50	TWD ***	CHM10601 ✓	6 CONV. MIRROR, S/ PIÈCES/CORE TOT REGULAR	20.23 0.00	18.95	947.50
			SHIP VIA				
INVOICE No / FACTURE	TYPE / SORTE	TOTAL	DISC / ESC	FRT / TRANS	GST / TPS	PST / TVQ	AMT to PAY / À PAYER
11964123	INVOICE	947.50	0.00	0.00	47.38	0.00	994.88

À Poster 10230
Direct de TWD
Sfumio

*S1
67/06/21*

